

Data File : VU028828.D
Acq On : 20 Dec 2018 16:42
Operator : MD/SY
Sample : J6419-13ME
Misc : 4.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF041ME

Quant Time: Dec 21 03:57:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	244021	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113393	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64626	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.06%
7) Chloroethane-d5	1.64	69	37729	24.97	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.94%#
11) 1,1-Dichloroethene-d2	2.23	63	83983	25.53	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.06%#
21) 2-Butanone-d5	4.19	46	112617	82.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.16%
24) Chloroform-d	4.64	84	109485	35.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.18%
26) 1,2-Dichloroethane-d4	5.30	65	70104	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.94%
32) Benzene-d6	5.33	84	241229	36.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.32%
36) 1,2-Dichloropropane-d6	6.33	67	85532	37.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.48%
41) Toluene-d8	7.56	98	216603	35.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.66%#
43) trans-1,3-Dichloropropene-	7.85	79	38405	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
47) 2-Hexanone-d5	8.32	63	97013	90.12	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131234	41.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	90325	39.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.76%#

Target Compounds

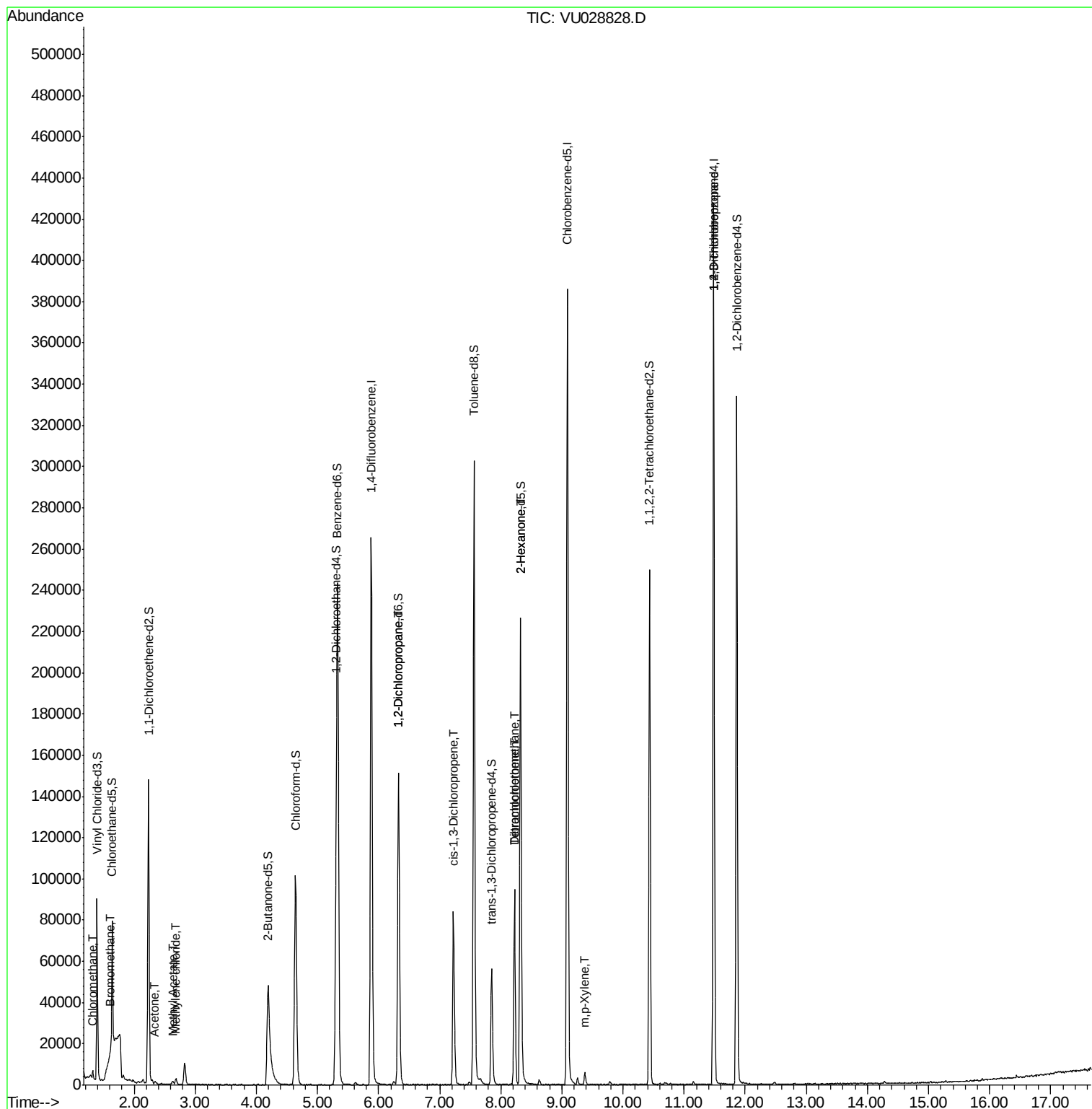
					Qvalue
3) Chloromethane	1.32	50	2741	1.013 ug/L	97
6) Bromomethane	1.60	94	733	0.720 ug/L	83
13) Acetone	2.34	43	1146	0.820 ug/L	81
15) Methyl Acetate	2.63	43	2956	1.357 ug/L #	73
16) Methylene chloride	2.68	84	1399	0.725 ug/L	79
37) 1,2-Dichloropropane	6.33	63	8109	3.858 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1826	0.609 ug/L #	59
46) Tetrachloroethene	8.22	164	23061	16.496 ug/L	98
48) 2-Hexanone	8.32	43	10262	4.426 ug/L #	64
49) Dibromochloromethane	8.22	129	21486	12.004 ug/L #	11
53) m,p-Xylene	9.38	106	1995	0.659 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	13353	5.324 ug/L	93

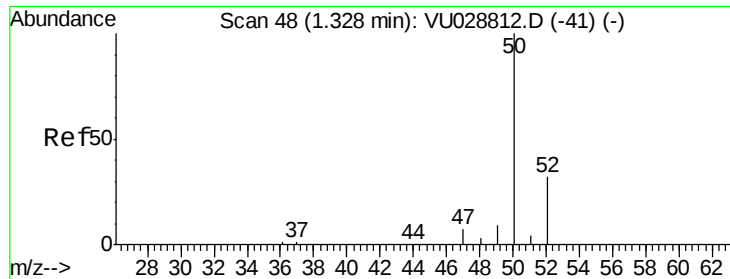
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.013 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028828.D

Acq: 20 Dec 2018 16:42

Instrument :

MSVOA_U

ClientSampled :

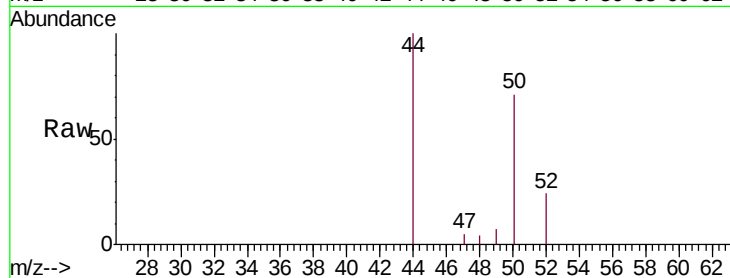
BF041ME

Tgt Ion: 50 Resp: 2741

Ion Ratio Lower Upper

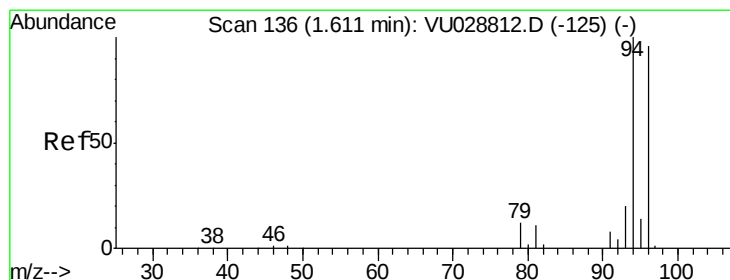
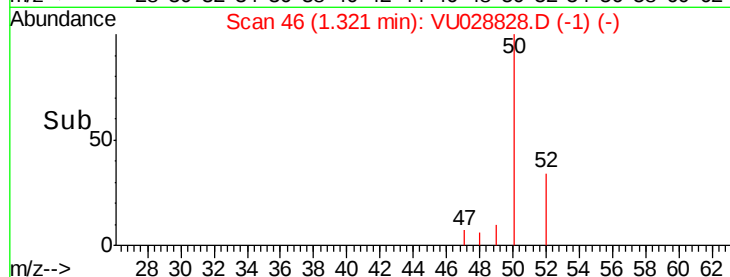
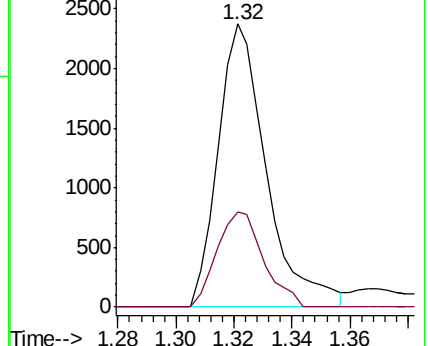
50 100

52 33.7 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.720 ug/L

RT: 1.60 min Scan# 133

Delta R.T. -0.01 min

Lab File: VU028828.D

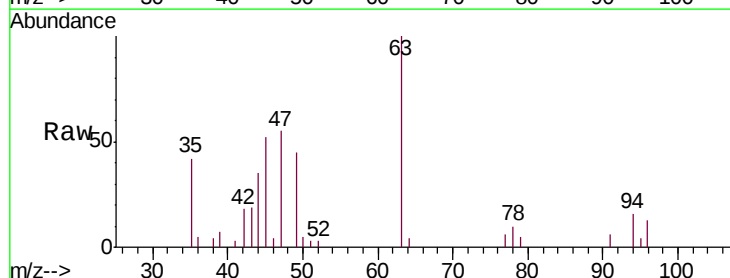
Acq: 20 Dec 2018 16:42

Tgt Ion: 94 Resp: 733

Ion Ratio Lower Upper

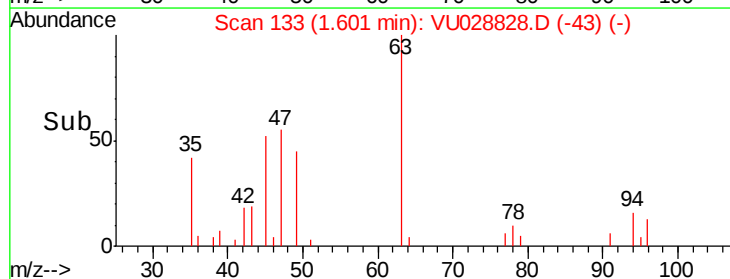
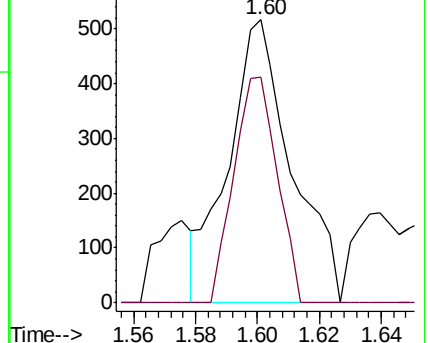
94 100

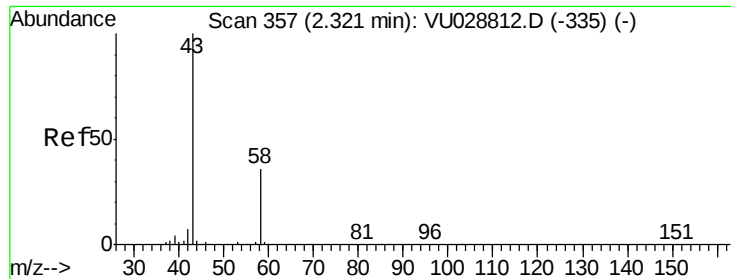
96 79.5 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 0.820 ug/L

RT: 2.34 min Scan# 362

Delta R.T. 0.02 min

Lab File: VU028828.D

Acq: 20 Dec 2018 16:42

Instrument :

MSVOA_U

ClientSampleId :

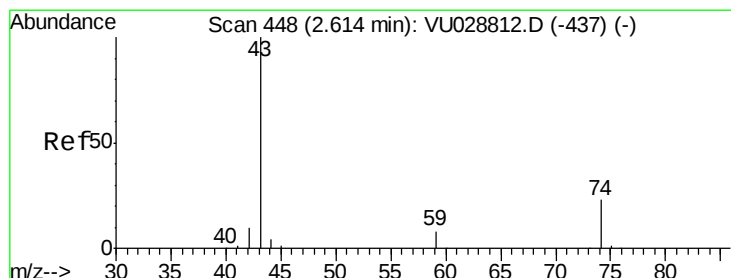
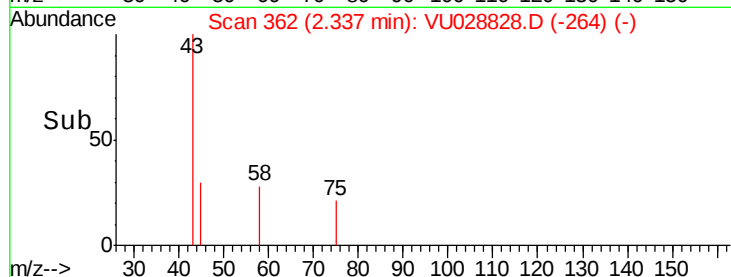
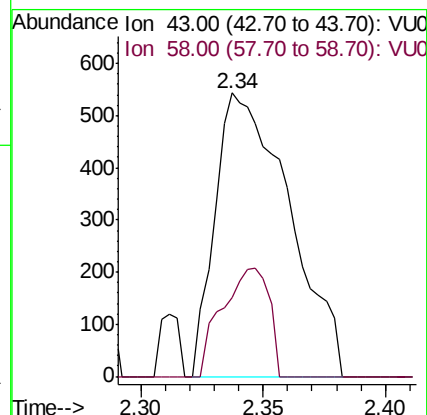
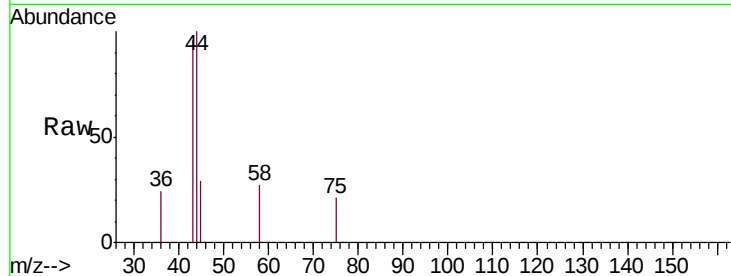
BF041ME

Tgt Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

58 24.2 0.0 70.2



#15

Methyl Acetate

Concen: 1.357 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028828.D

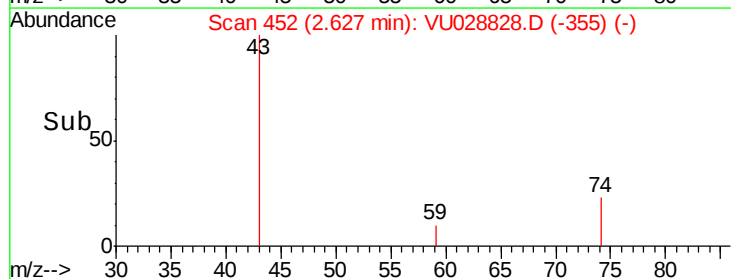
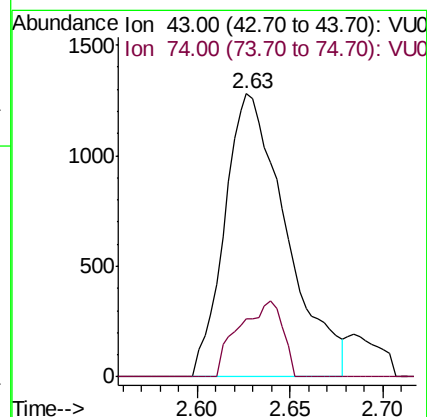
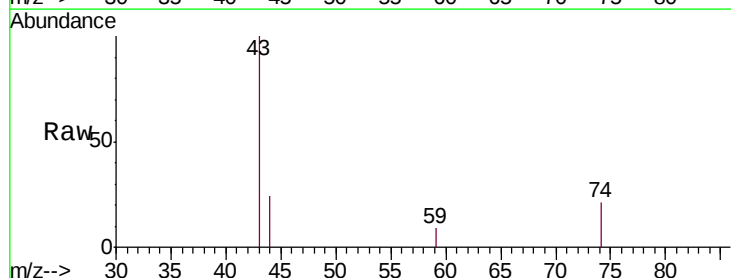
Acq: 20 Dec 2018 16:42

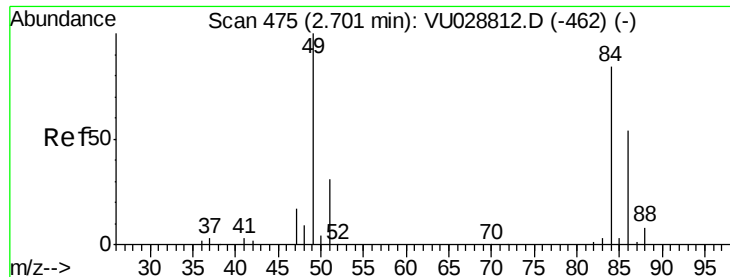
Tgt Ion: 43 Resp: 2956

Ion Ratio Lower Upper

43 100

74 10.5 19.0 28.4#

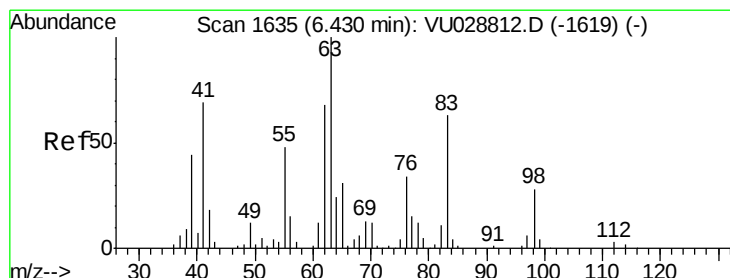
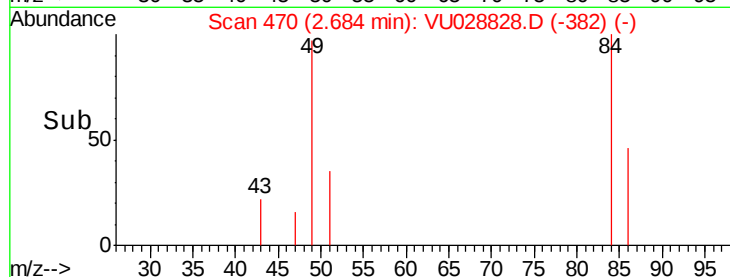
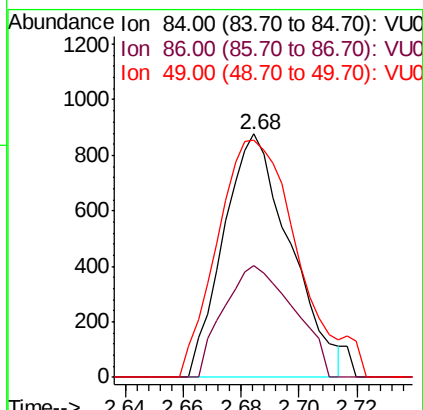
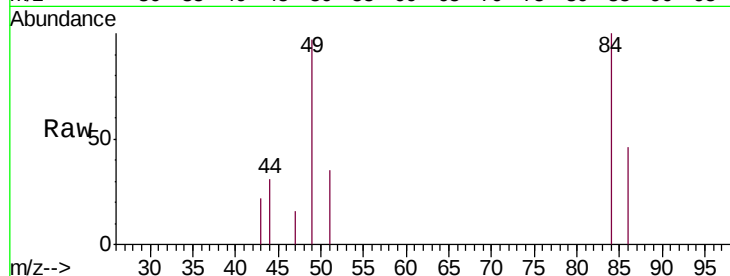




#16
Methylene chloride
Concen: 0.725 ug/L
RT: 2.68 min Scan# 470
Delta R.T. -0.02 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

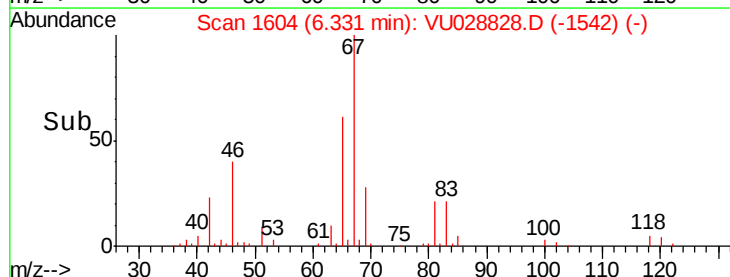
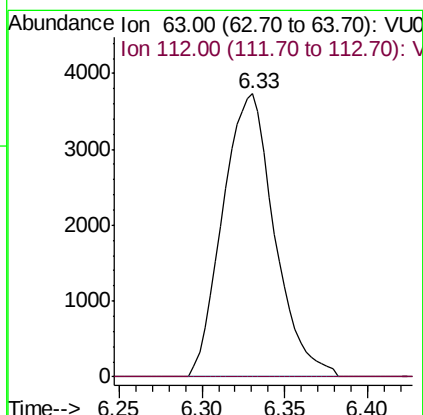
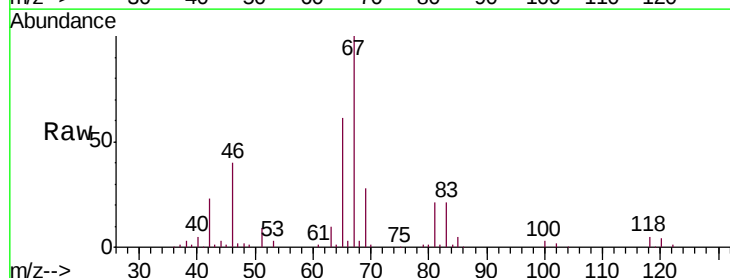
Instrument :
MSVOA_U
ClientSampleId :
BF041ME

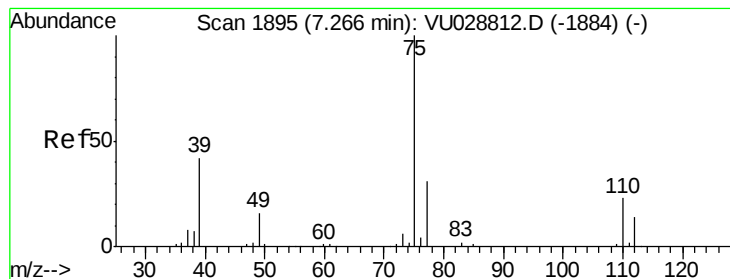
Tgt Ion: 84 Resp: 1399
Ion Ratio Lower Upper
84 100
86 46.1 44.9 83.3
49 97.4 83.9 155.7



#37
1,2-Dichloropropane
Concen: 3.858 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

Tgt Ion: 63 Resp: 8109
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



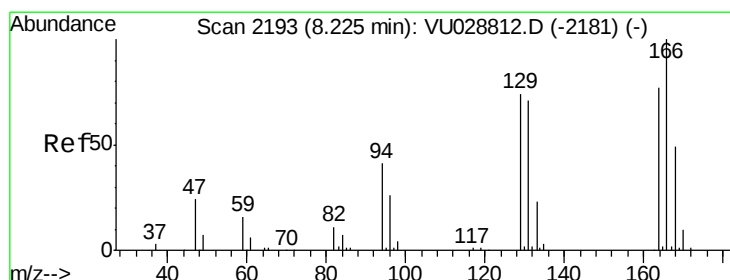
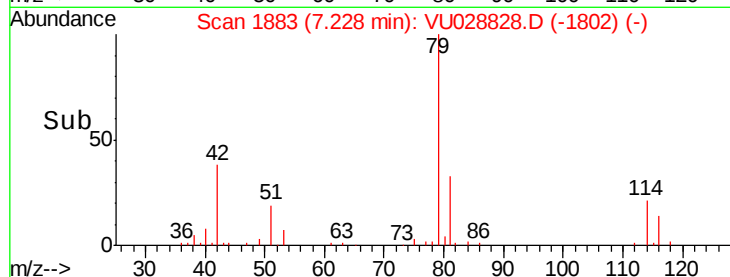
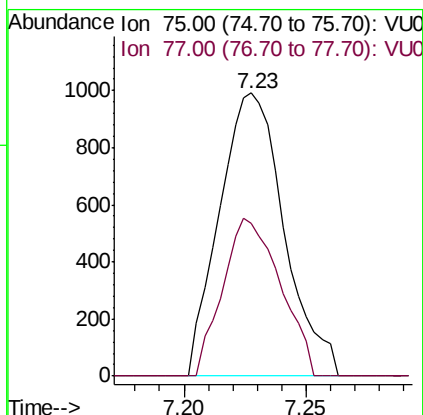
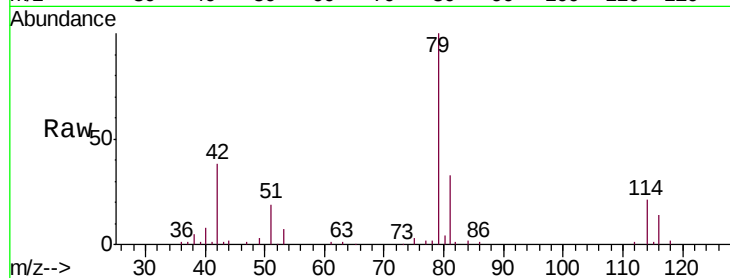


#39

cis-1,3-Dichloropropene
Concen: 0.609 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

Instrument :
MSVOA_U
ClientSampled :
BF041ME

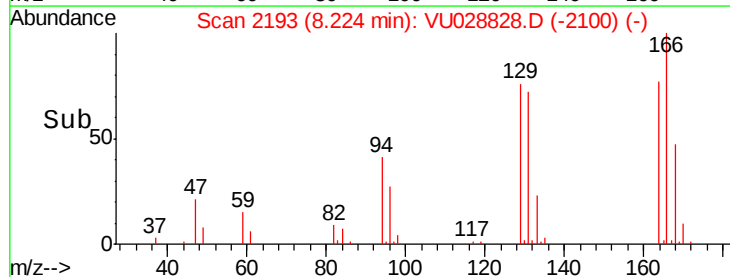
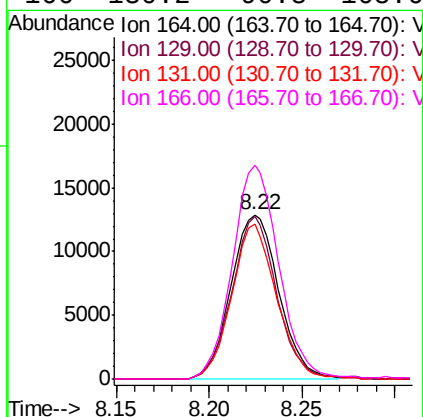
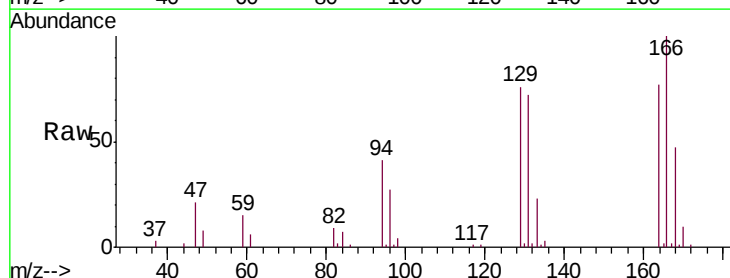
Tgt Ion: 75 Resp: 1826
Ion Ratio Lower Upper
75 100
77 54.0 21.8 40.6#

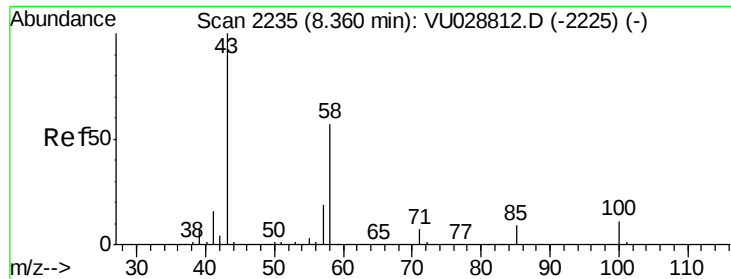


#46

Tetrachloroethene
Concen: 16.496 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

Tgt Ion: 164 Resp: 23061
Ion Ratio Lower Upper
164 100
129 98.8 66.8 124.0
131 94.1 64.2 119.2
166 130.2 90.8 168.6

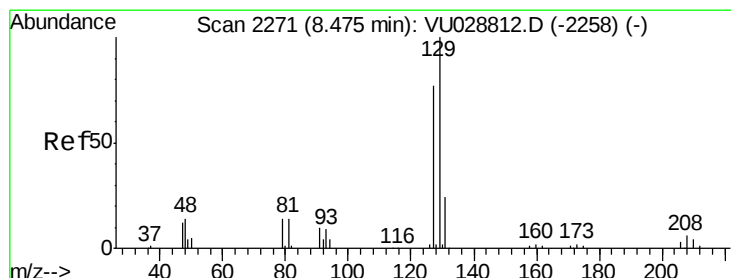
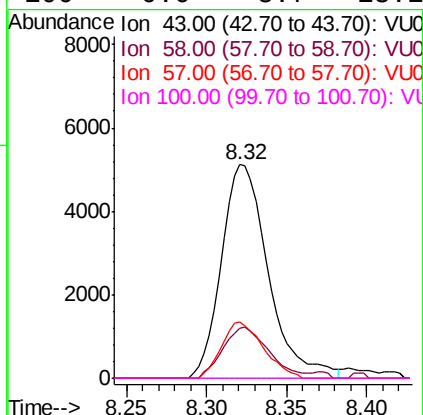
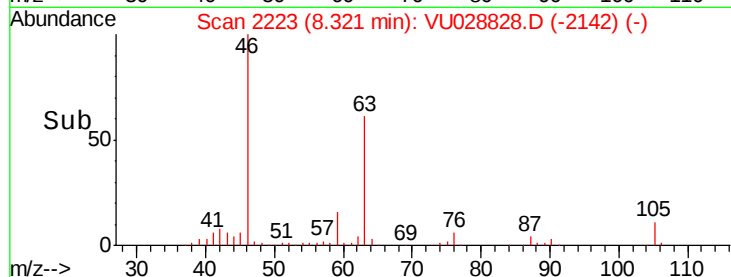
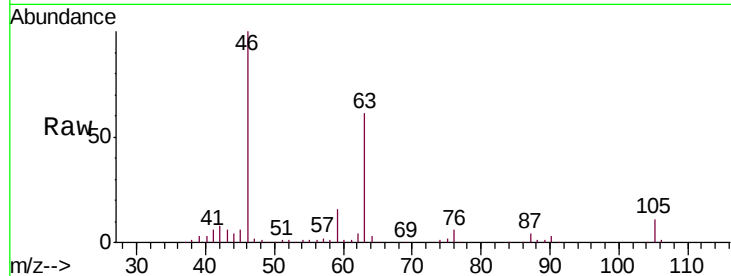




#48
2-Hexanone
Concen: 4.426 ug/L
RT: 8.32 min Scan# 2223
Delta R.T. -0.04 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

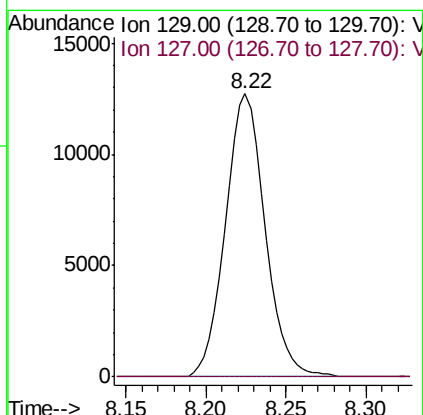
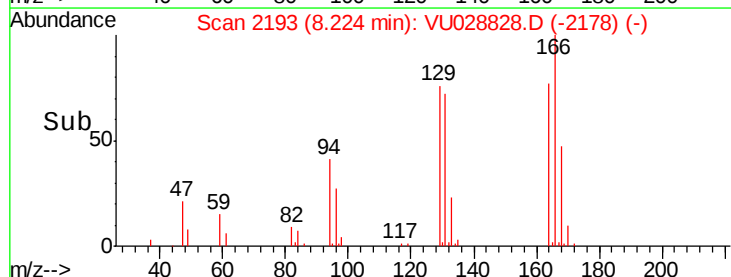
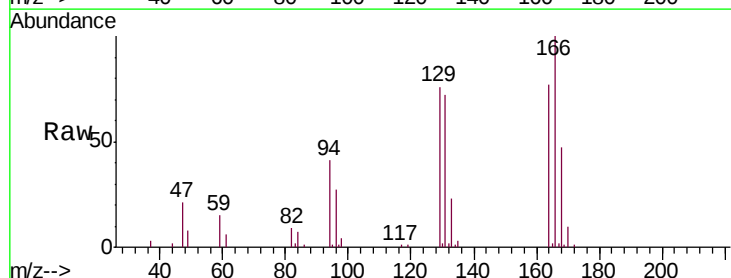
Instrument :
MSVOA_U
ClientSampleId :
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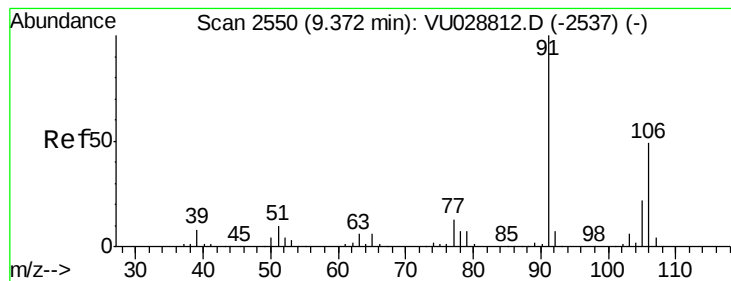
Tgt Ion: 43 Resp: 10262
Ion Ratio Lower Upper
43 100
58 23.3 45.9 68.9#
57 23.4 15.0 22.4#
100 0.0 8.7 13.1#



#49
Dibromochloromethane
Concen: 12.004 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028828.D
Acq: 20 Dec 2018 16:42

Tgt Ion: 129 Resp: 21486
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#53

m,p-Xylene

Concen: 0.659 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028828.D

Acq: 20 Dec 2018 16:42

Instrument :

MSVOA_U

ClientSampleId :

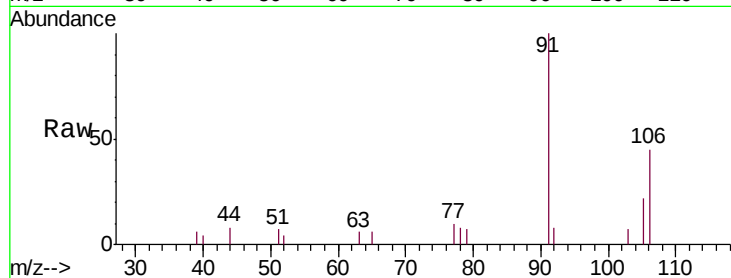
BF041ME

Tgt Ion: 106 Resp: 1995

Ion Ratio Lower Upper

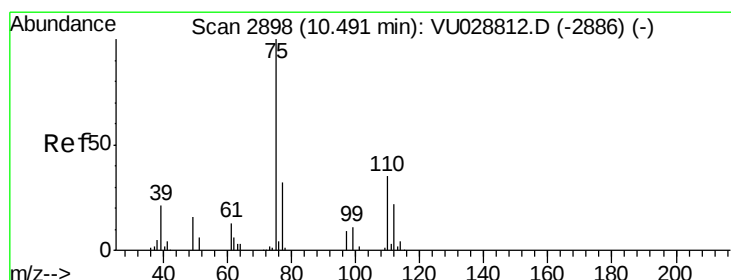
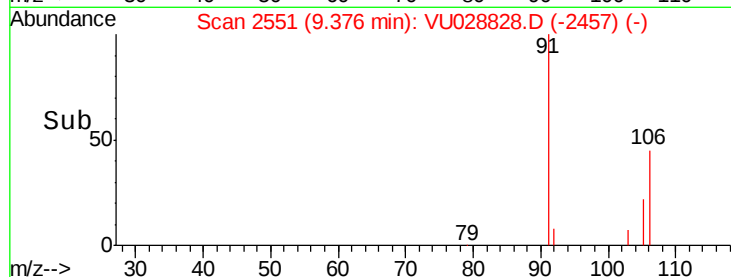
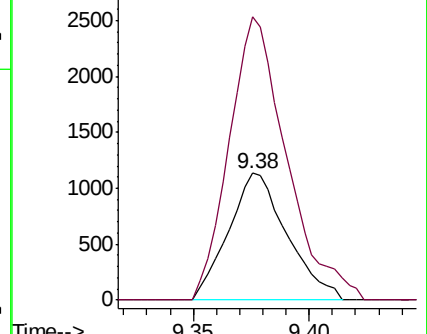
106 100

91 222.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028812.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU028812.D (-2537) (-)



#59

1,2,3-Trichloropropane

Concen: 5.324 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028828.D

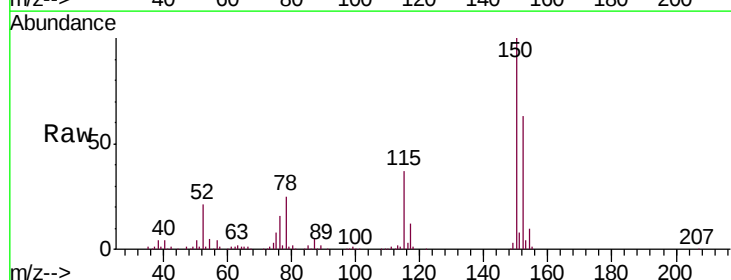
Acq: 20 Dec 2018 16:42

Tgt Ion: 75 Resp: 13353

Ion Ratio Lower Upper

75 100

77 35.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU028812.D (-2886) (-)

Ion 77.00 (76.70 to 77.70): VU028812.D (-2886) (-)

